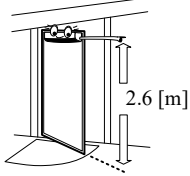
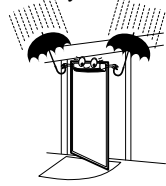


## 1. MOUNTING THE SSS-5 ON THE DOOR

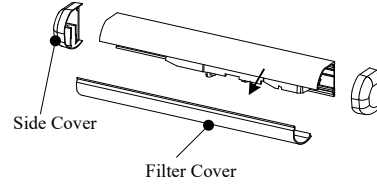
1/ Do not mount the sensor higher than 2.6 [m] (8' 6").



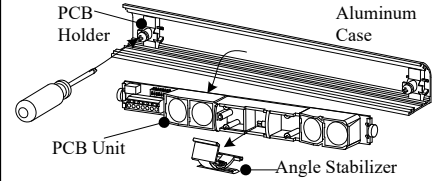
2/ Use a weather cover if the unit is installed where rain will fall directly on it.



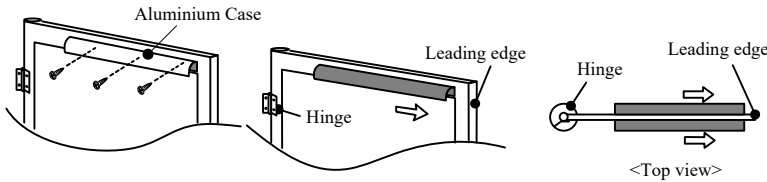
3/ Unscrew the Side Covers and remove the Filter Cover.



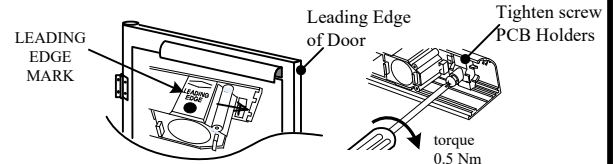
4/ Remove the Angle Stabilizer and loosen the screw on one of the PCB Holders to slide it aside and remove the PCB Unit.



5/ Attach the Aluminium Case to the door with the screws provided. The Aluminum Case(s) should be located close to the Leading edge of the door to maximise safety detection.

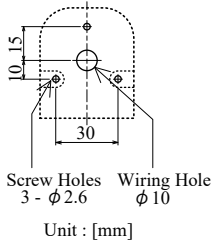


6/ Reinsert the PCB unit, making sure that the side marked "LEADING EDGE" is closest to the leading edge of the door. Re-attach the Angle Stabilizer and tighten the screws on the PCB Holders.

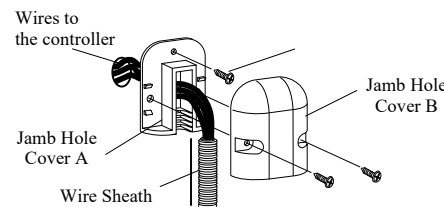


## 2. WIRING TO THE DOOR CONTROLLER

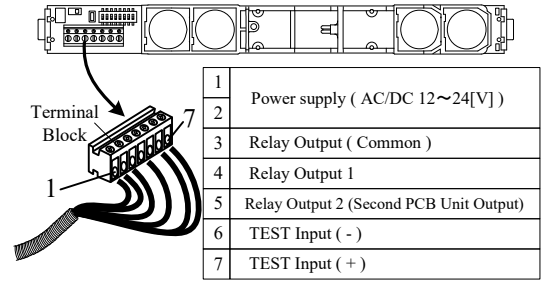
1/ Drill Holes as indicated and install the Jamb Hole Cover A on the door controller



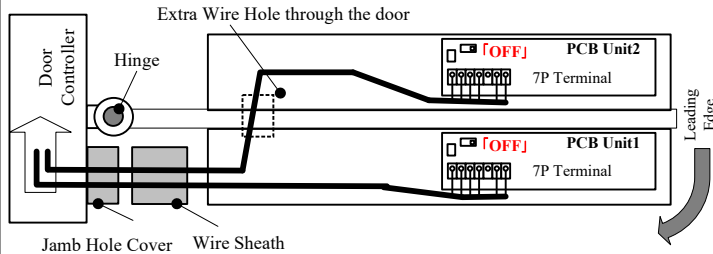
2/ Clamp the Wire Sheath between the Jamb Hole Cover A/B



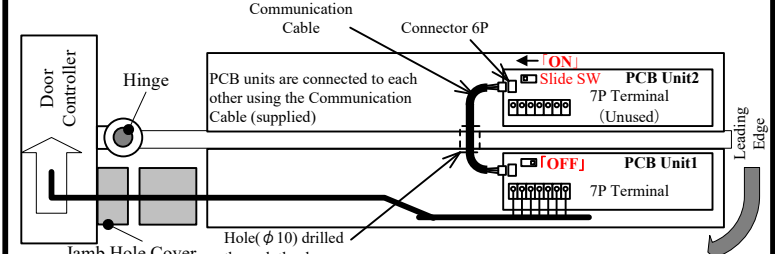
3/ Remove the Terminal Block from the PCB unit and connect the wires from the door controller to it as indicated. See wiring options below.



4/ **Option 1:** Plan view, wiring PCB units on both side of the door independently back to the door controller



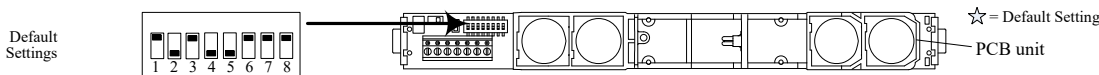
4/ **Option 2:** PCB units on both sides of the door connected via communication cable and only 1 PCB unit wired back to door controller



**Note: Remember to set the Slide SW as indicated**

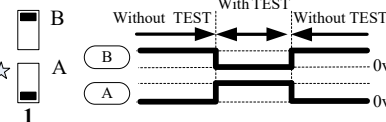
**Note: Remember to set the Slide SW as indicated**

## 3. DIPSWITCH SETTINGS



### 1/ Test Input

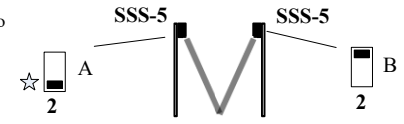
When connected to a door controller with a TEST input, set to "B".  
When connected to a door controller without a TEST input, set to "A".



**EN16005** Set to "B" to comply with EN16005

### 2/ Optical Interference

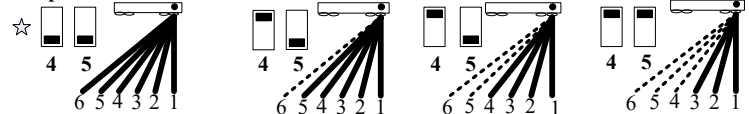
To avoid cross interference between two sensors in close proximity different frequency settings should be selected



### 3/ Relay Output Mode



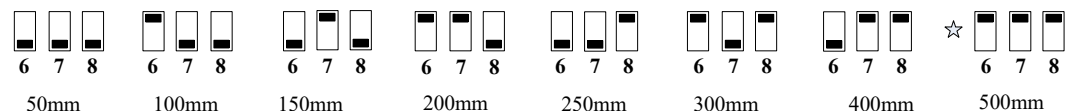
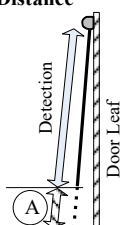
### 4/ Masking Detection Spots



### 5/ Setting Non-Detection Distance

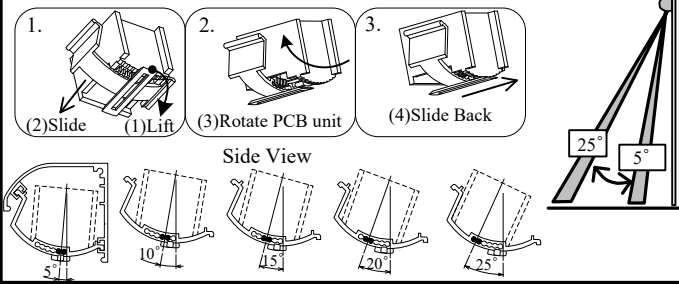
Set Non-Detection distance (A)

**EN16005** Check that the detection range conforms to EN16005



## 4. DETECTION ANGLE ADJUSTMENT

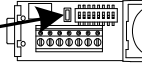
The detection angle can be adjusted between 5 - 25 [deg] in 5 [deg] increments using the Angle Stabilizer.



## 6. TEACHING

**TEACHING** is necessary so that the sensor can learn the distance from the sensor to the floor.

- 1/ Clear the detection area
- 2/ Press the "Push SW" switch for 2s or more
- 3/ GREEN & RED LED flashes slowly for 10s, followed by faster frequency flashes indicating that TEACHING is been executed (If during this time, a person or object is in the detection area, try again from STEP 1.)
- 4/ Green LED flashes once to indicate that the TEACHING process is complete
- 5/ Verify the detection area for conformity to local regulations



## 8. FINAL DETECTION RANGE CHECK

After the Filter Cover is fitted, confirm that the detection range is as expected and conforms with local regulations.

**EN16005** Check that the detection area conforms to EN16005

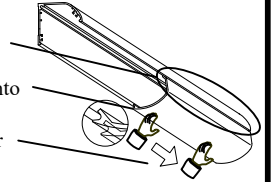
## 5. LED

<b>Standby:</b>	GREEN LED ON
<b>Detecting:</b>	RED LED ON
<b>Environmental Error:</b>	Fast alternate RED/GREEN LED followed by 1 flash of RED LED. If this happens execute the TEACH function again with a white sheet of paper on the ground.
<b>Internal Sensor Failure:</b>	Fast alternate RED/GREEN LED followed by 3 flashes of the RED LED

## 7. REPLACE FILTER COVER

### Install the Filter Cover

- 1/ First fit the upper side of the Filter Cover into the full length of the Aluminum Case.
- 2/ Slightly bend the Filter Cover at one end to latch it onto the bottom lip of the Aluminum Case.
- 3/ Slide your hand along the bottom lip to lock the Filter Cover in place

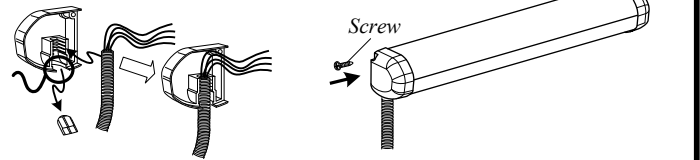


### Attach the Joint

- 1 Snap the Joint into Aluminum Case.
- 2 Slide the Joint so that it fits snugly into the Filter Cover.
- 3 Attach remaining Filter Cover as illustrated

Cut out the Side Cover wiring point and insert the Wire Sheath into it.

Attach the Side Cover with Screws provided.



For a more detailed explanation on how to install the SSS-5 sensor please see the full installation instructions on our website at: [https://hotron.com/wp-content/uploads/2020/09/mp-10193\\_04\\_d201911271.pdf](https://hotron.com/wp-content/uploads/2020/09/mp-10193_04_d201911271.pdf)